

No 139. ^H Oct 6-7/93

Goulds Quarry, one
mile N. of Little
Macopin, Bossard Co. N.J.

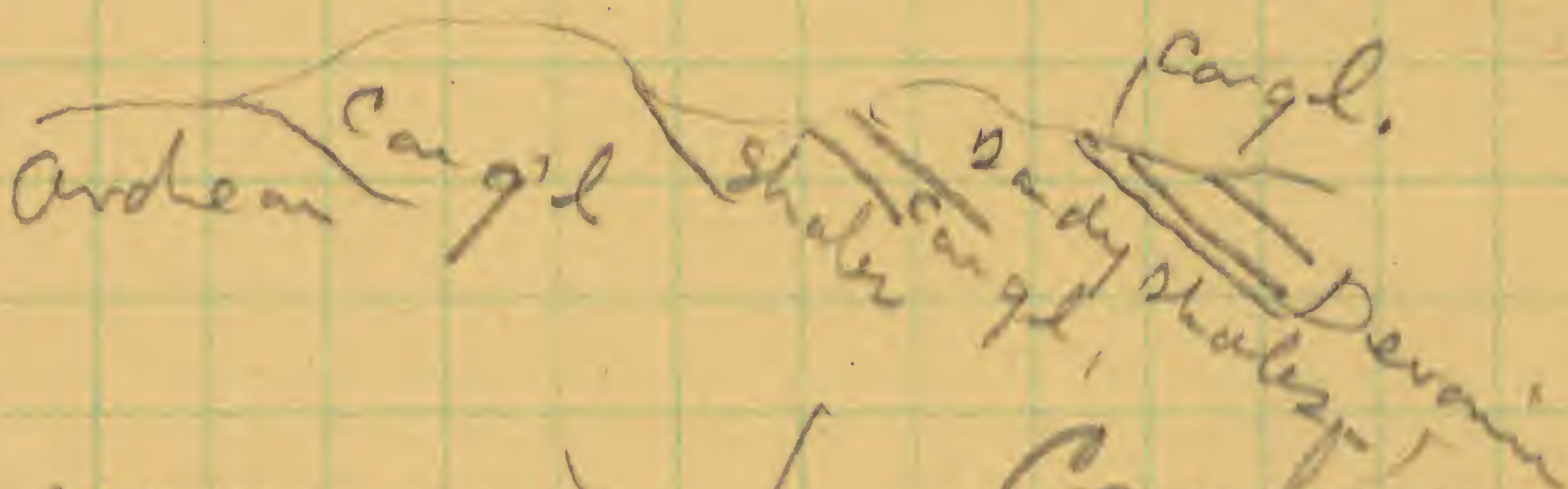
The section is described
in Am. Geol. State
Geol. New Jersey, Jan
1884.

Add to description
that the Congl. just
beneath the limestone
is made of white qtz
pebbles in a reddish
matrix. & that redish-
purple beds of calcareous
sandstone are associated
with it. The section
is essentially the same
as that $1\frac{1}{2}$ miles N.N.E.,
where Oleyellus occurs
in the limestone

139. Can - B,

The massive-bedded
conglomerate succeeds
a belt of shale & by the
New Jersey map there is
~~and~~ congl - is continued
into that of Kanawha
Mt. if this is correct the
probabilities are that
Gappas Mt. & Kanawha
Mr. conglomerates are
of Cambrian age.

At the S.W. end of
Greenwood Lake the
succession appears to
be. This is a normal

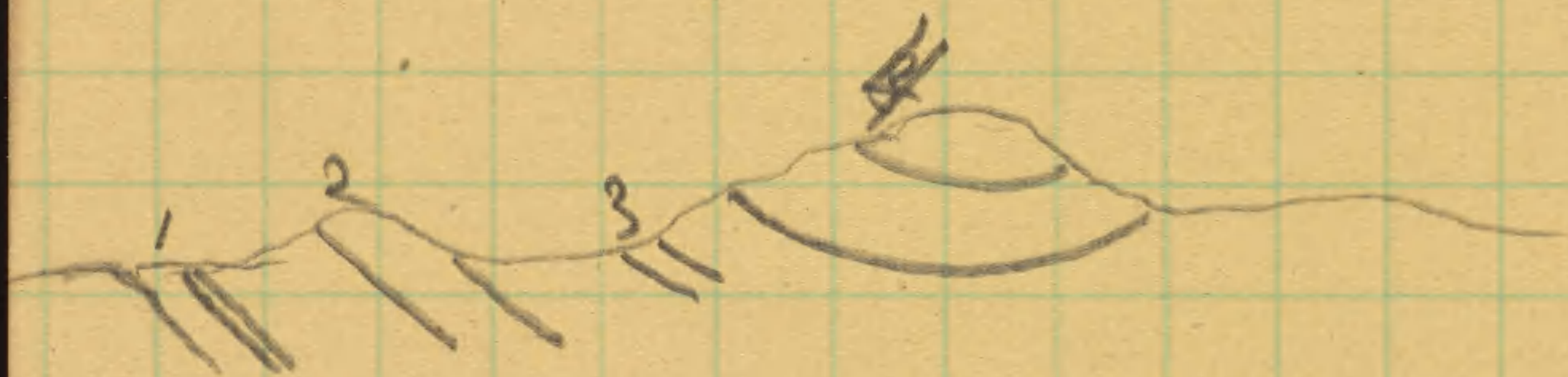


succession from Cambrian
to Devonian. Same
succession also occurs
on West side of

139. Can - C

Shumamuk Mt. N.Y.

The conglomerates then
of the Green Pond series
include 3. or more



goes -

4. Devonian,

3. Silurian

2. Upper Cambrian or Ord.

1. Lower Cambrian.

1 = 1 mile & $2\frac{1}{2}$ mi N. of
Macopin Lake.

2. Kanouse Mt.

3. Greenwood Lake,

4. Shumamuk Mt. N.Y.

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The conditions of deposition in the Green Pond Mt area were unlike those to the westward & east. It was a local basin of sedimentation in which the conditions favorable to the forming of the reddish conglomerate were repeated several times. As in all local deposits of ^{coarse} clastic material the thickness of the deposit varies rapidly from one side of the strike & also across the strike.

On the New Jersey ^{Geol.} map of 1868. the Conglomerate series of Skunk Mt. is represented as extending south into Belle-Vale Mt. & on to Bear Foot Mt. There is

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little evidence of this.
On the contrary it is
probable that the conglomerate of Belle-Vale
Mtn is of an earlier
date than that of
Shummon Mtn. The
Congl - of Bear Foot Mtn
certainly appears to be
of the Kanare Mtn
series if the section
of the south end of
Greenwood Lake is
correctly interpreted
(Ante 139, B.)